

113

Appn. Number: 10/050,193 Reply to Non-Compliant Amendment of 11/8/04, and Office action of Election/Restriction of 8/8/05

Appn. Number: 10/050,193

Appn. Filed 01/16/2002

Reply to Non-Compliant Amendment of 11/8/04 and
Office action of 8/8/05

Amendments to the Specification:

Please replace this section of the specification page [69 to page 70] with the following amended section of the specification:

Audio-Cell Acoustic Enhancement Communication

Abstract

[Page 69-70] A communication system (41) and (77) comprising at least one audio enhancing circuit (47) consisting of at least one input port or input section which is capable of inputting original audio signals from at least one output port or output section of at least one acoustic source, such as a microphone. Furthermore, said at least one audio enhancing circuit is capable of enhancing said original audio signals to magnificently enhanced quality value that is at least in part of intelligible perimeter, in which is important for reasonable perception. Said magnificently enhanced quality value extends from the acoustic value of "telephone quality audio signals" thereto enhanced acoustic value. Thereby, said at least one audio enhancing circuit further employs at least one or two communicative channels which are able to channel the acoustic enhancement communication procedure in a simplex or duplex mode thereof and provides at least one band of audio signals or at least three bands of audio signals that are able to band predetermine audio signals for the emphasis of audio tone herein, and control means are provided to the audio enhancing circuit for controlling said audio signals and to provide a user with the option of subjective control while communicating said audio signals, or said at least one audio enhancing circuit is able to provide fixed components herein, such as fixed capacitors, fixed resistors, fixed inductors, et cetera for the implementation of fixed enhancement acoustic quality value thereof.

114

Appn. Number: 10/050,193 Reply to Non-Compliant Amendment of 11/8/04, and Office action of ~~Election~~/Restriction of 8/8/05

Furthermore, for the conveyance of unlimited band quality audio signals over a communication spectrum, such as a voice frequency spectrum, multiplexing means are provided which is able to communicate the enhanced quality of audio signals in accordance with the degree of the conveying signals that is applied to the application hereof. Said at least one audio enhancing circuit is recited as at least one section of, may be integrated with or is an audio processing circuit, an audio preamplifier circuit, an audio equalizer circuit, an audio frequency divider circuit or other audio circuits that are capable of possessing or/and enhancing audio signals for connecting to a communication system. The three bands of audio signals of said audio enhancing circuit is able to employ at least one band of high-range audio frequency signals (74) which may be specified at an approximate value that is capable of acoustic accentuation for which is important for intelligibility and the manipulation of clarity, at least one band of midrange audio frequency signals (75) which may be of specified value that is important for audio quality and at least one band of low-range audio frequency signals (76) which may be of specified value that is fundamental to audio signals herein. Thereby, each band of audio signals is stressed to implement magnificent perception therein. The adjacent receiver section (85) may further comprise a dispensable output section for voluntarily coupling externally to an independent audio system.

113

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Amendments to the Specification:

Please replace this section of the specification page [69 to page 70] with the following amended section of the specification:

Audio-Cell Audio-Cell Acoustic Enhancement Communication

Abstract

[Page 69-70] A communication system 41 and 77 communicating apparatus (,) having a crossover network comprising at least one audio enhancing circuit (47) consisting of at least one input port or input section which is capable of inputting original audio signals from at least one output port or output section of at least one acoustic source, such as a microphone. Furthermore, said at least one audio enhancing circuit is capable of enhancing said original audio signals to magnificently enhanced quality value that is at least in part of intelligible perimeter in which is important for reasonable perception. Said magnificently enhanced quality value extends from the acoustic value of "telephone quality audio signals" thereto enhanced acoustic value. Thereby, said at least one audio enhancing circuit further employs at least one or two communicative channels which are able to channel the acoustic enhancement communication procedure in a simplex or duplex mode thereof and provides at least one band of audio signals or at least three bands of audio signals that are able to band predetermine audio signals for the emphasis of audio tone herein, and control means are provided to the audio enhancing circuit for controlling said audio signals and to comprising (a) tunable selecting means (,) coordinating with a volume peaking means for giving provide a user with the option of subjective control to select and boost a preferred audio setting while communicating said audio signals, to a user (,) said crossover network is adapted for dividing and tuning at least three band (of audio) frequency signals while transmitting and receiving communication or said at least one audio enhancing circuit is able to provide fixed components herein, such as, fixed capacitors, fixed resistors, fixed inductors, et cetera for the implementation of fixed enhancement acoustic quality value thereof.

114

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Furthermore, for the conveyance of unlimited band quality audio signals over a communication spectrum such as a voice frequency spectrum, multiplexing means are provided which is able to communicate the enhanced quality of audio signals in accordance with the degree of the conveying signals that is applied to the application hereof. The crossover-network Said at least one audio enhancing circuit wherein (a) is recited as at least one section of, may be integrated with or is an audio processing circuit, an audio preamplifier circuit, an audio equalizer circuit, an audio frequency divider circuit or other audio circuits that are capable of possessing or/and enhancing audio signals for connecting to a communication system. The three bands of audio signals of said audio enhancing circuit is able to employ at least one band of high-high-range audio frequency signals (74) which may be specified at an approximate value that is capable of acoustic accentuation for which is important for intelligibility and the manipulation of clarity signal, (a) at least one band of midrange audio frequency signals (75) which may be of specified value that is important for audio quality, and (a) at least one band of low low-range audio frequency signals (76) which may be of specified value that is fundamental to audio signals herein. Thereby, each band of audio signals is (,) each is employed for driving (an) stressed to individual magnetic region implement magnificent perception therein. The adjacent receiving receiver section (85) may further comprise comprising a dispensable output section for voluntarily coupling externally to an independent audio system. Part (,) adopted for coupling to an external acoustic medium (,) the same having means for connecting to (an) external audio system in a (motor) vehicle (.)